

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PCT040614	FOR FURTHER ACTION		see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/KR2004/001441	International filing date (<i>day/month/year</i>) 16 JUNE 2004 (16.06.2004)	(Earliest) Priority Date (<i>day/month/year</i>) 17 JUNE 2003 (17.06.2003)	
Applicant HUH, Soo-Young et al			

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II)

3. ☐ **Unity of invention is lacking** (See Box No. III)

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 3
☐ as suggested by the applicant.

☒ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

b. ☐ none of the figure is to be published with the abstract.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/001441**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 E02B 3/08**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
IPC7 E02BDocumentation searched other than minimum documentation to the extent that such documents are included in the fields searched
KR, JP : IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	D1-KR 20-0279894 A (SUNBIMAKAPERI CO.) 17 JUNE 2002 See the whole document	1
A	D2-US 6168118 A (N.V. Bekaert S.A.) 2 JANUARY 2001 See the whole document	1
A	D3-JP H9-296430 A (TOMOUTECKO CO.) 18 NOVEMBER 1997 See the whole document	1
A	D4-JP 2001-207428 A (SIROIDOMAICHI) 3 AUGUST 2001 See the whole document	1

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
18 SEPTEMBER 2004 (18.09.2004)Date of mailing of the international search report
22 SEPTEMBER 2004 (22.09.2004)Name and mailing address of the ISA/KR
Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of KoreaAuthorized officer
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/001441

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
D2 US6168118B1	02.01.2001	AU6619598A	26.08.1998
		BE1010910A3	02.03.1999
		BR9807665A	15.02.2000
		CA2277966A1	13.08.1998
		CN1110604B	04.06.2003
		CZ9902749A3	15.12.1999
		EP0961857A1	08.12.1999
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		JP2001510516T	31.07.2001
		PL334567A1	13.03.2000
		RU2169811C2	27.06.2001
		SI9820011A	31.10.1999
		SK106899A3	12.06.2000
		TR9901720T2	21.10.1999
		US6168118B1	02.01.2001
		W09835100A1	13.08.1998
		ZA9800216A	13.07.1998
D1, D3, D4		NONE	

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